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- (71) Applicant (for all designated States except US): **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O.Box 17, DK-1001 Copenhagen K (DK).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RAUTONEN**, Nina [FI/FI]; Säynäväkujä 4B8, FIN-02170 Espoo (FI). **NURMI**, Jussi [FI/FI]; Bodnäsin Rantatie 72, FIN-21600 Parainen (FI). **NURMINEN, Päivi** [FI/FI]; Eerikinkaiillio 3 E 21, FIN-02400 Kirkkonummi (FI). **PUOLAKKAINEN, Pauli** [FI/FI]; Lohitie 3A, FIN-02170 Espoo (FI).
- (74) Agents: **WILLIAMS**, Aylsa et al.; D Young & Co, 120 Holborn, London EC1N 2DY (GB).
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(54) Title: METHOD

(57) Abstract: The present invention relates to the use of a microorganism and/or a metabolite thereof to at least increase the amount of a COX-1 mRNA in a cell. The present invention further relates to the use of a microorganism and/or a metabolite thereof in the manufacture of a medicament to treat the side effects associated with nonsteroidal antiinflammatory drugs (NSAIDs). The present invention further relates to a pharmaceutical preparation comprising in combination a nonsteroidal antiinflammatory drug (NSAIDs) and a microorganism and/or a metabolite thereof which is capable of at least increasing the amount of a COX-1 mRNA in a cell. The present invention yet further relates to a pharmaceutical preparation comprising in combination betaine or a pharmaceutically acceptable salt thereof and a microorganism and/or a metabolite thereof which is capable of at least increasing the amount of a COX-1 mRNA in a cell. The microorganism may suitably be a bacterium, preferably from the genus *Bifidobacterium*.

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